

ABSTRACT

The reflective liquid crystal display device comprises a polarizing plate 1 disposed forwardly of the liquid crystal cell 6, a reflecting means 5 which is disposed on backside of the liquid crystal cell and reflects an incident light, and a light-scattering sheet 2 which is disposed forwardly of reflecting means and scatters the incident light isotopically. The light-scattering sheet can be prepared with the use of spinodal decomposition method comprising by coating a mixture liquid containing a plurality of polymers varying in refractive index on a transparent support and evaporating or removing a solvent to form a light-scattering layer having a droplet phase structure. The light-scattering layer includes a light-scattering layer showing a maximum intensity of the scattered-light at scattering angle of 3 to 40°, and a light-scattering layer showing maximums intensity of the scattered-light respectively at smaller angle of 2 to 20° and larger angle θ_b .